

Review– Naming Chemical Compounds

The following are a good mix of naming and formula writing problems to help you get some practice.

Name the following chemical compounds:

- 1) NaBr _____
- 2) $\text{Ca}(\text{C}_2\text{H}_3\text{O}_2)_2$ _____
- 3) P_2O_5 _____
- 4) $\text{Ti}(\text{SO}_4)_2$ _____
- 5) FePO_4 _____
- 6) K_3N _____
- 7) SO_2 _____
- 8) CuOH _____
- 9) $\text{Zn}(\text{NO}_2)_2$ _____
- 10) V_2S_3 _____

Write the formulas for the following chemical compounds:

- 11) silicon dioxide _____
- 12) nickel (III) sulfide _____
- 13) manganese (II) phosphate _____
- 14) silver acetate _____
- 15) diboron tetrabromide _____
- 16) magnesium nitride _____
- 17) potassium carbonate _____
- 18) ammonium oxide _____
- 19) tin (IV) selenide _____
- 20) carbon tetrachloride _____

Answers – Naming Chemical Compounds

Name the following chemical compounds:

- | | | |
|-----|--|------------------------|
| 1) | NaBr | sodium bromide |
| 2) | Ca(C ₂ H ₃ O ₂) ₂ | calcium acetate |
| 3) | P ₂ O ₅ | diphosphorus pentoxide |
| 4) | Ti(SO ₄) ₂ | titanium(IV) sulfate |
| 5) | FePO ₄ | iron(III) phosphate |
| 6) | K ₃ N | potassium nitride |
| 7) | SO ₂ | sulfur dioxide |
| 8) | CuOH | copper(I) hydroxide |
| 9) | Zn(NO ₂) ₂ | zinc nitrite |
| 10) | V ₂ S ₃ | vanadium(III) sulfide |

Write the formulas for the following chemical compounds:

- | | | |
|-----|--------------------------|---|
| 11) | silicon dioxide | SiO ₂ |
| 12) | nickel (III) sulfide | Ni ₂ S ₃ |
| 13) | manganese (II) phosphate | Mn ₃ (PO ₄) ₂ |
| 14) | silver acetate | AgC ₂ H ₃ O ₂ |
| 15) | diboron tetrabromide | B ₂ Br ₄ |
| 16) | magnesium nitride | Mg ₃ N ₂ |
| 17) | potassium carbonate | K ₂ CO ₃ |
| 18) | ammonium oxide | (NH ₄) ₂ O |
| 19) | tin (IV) selenide | SnSe ₂ |
| 20) | carbon tetrachloride | CCl ₄ |